

Minutes of FPix DCS meeting on 1/26/06

Place: Fermilab WH8X

Date/Time: 1/26/06 9:30 AM

Attendance:

Lucien Cremaldi, Umesh Joshi, Dongwook Kim, Simon Kwan, Charles Newsom, David Sanders, Ping Tan, Christian Veelken, JC Yun

News:

The Testbeam APACS system will be decommissioned and replaced by Siemens PLC. Rich showed interest in the APACS system for another project.

The DCS meeting will be moved to Tuesday mornings. JC booked 'Round Table' video room for Tuesdays for two months. Once this goes well we will make it permanent. Most likely the first Tuesday meeting will be on Feb. 14 when we have Tracker Week – it needs confirmation from Frank Hartman.

Sensors:

Charles showed his final version of the sensor placement from Doc DB (#547 V9).

<https://docdb.fnal.gov/CMS/DocDB/0005/000547/009/DCS%20Input%20data.xls>

We all agreed that this is the final version. Charles said several different RTD package types are available. We will

use packages with leads to monitor temperature of the cooling tubes. To monitor spots where we can add footprints, we will get surface mount types.

Lucien volunteered to work on the RTD numbering scheme. He will get in touch with Umesh to follow the existing convention for panels etc.

Charles said he is going to take care of:

- 1) wire routing for sensor readout
- 2) choose RTD package types
- 3) convert spreadsheet to engineering drawing for sensor placements

JC was volunteered to figure out what made the Strip Tracker group decide to monitor low voltages through the DCU readout.

XDAQ:

Charles suggested to Dongwook and Ping to contact the Strip Tracker group to coordinate for the DCU readout work. We can use their experience since are well ahead of us in this aspect.

PVSS:

Christian presented on the recent progress of the DCS system at SiDet. Please refer to Doc DB (#696) for details.

<https://docdb.fnal.gov/CMS/DocDB/0006/000696/001/sidetProgress01.ppt>

This week Christian and Dongwook succeeded in initial communication test between PVSS and XDAQ through SOAP interface.

Umesh suggested we should include Gennady (DB group) when JCOP group releases the PVSS to Oracle DB interface, which is due on Feb. 14.

Others:

Simon requested JC and Charles to contact Andromachi to get one or two HMX conditioning boards while they are visiting CERN.

He also said we need to get a DCU testboard (hardware and software) to bring it to FNAL. Tammy is the person who can take care of the shipping.